

TI Aromatic polyamide resin compositions and their molded articles  
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SO Jpn. Kokai Tokkyo Koho, 10 pp.  
CODEN: JKXXAP

DT Patent  
LA Japanese  
FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001106909	A2	20010417	JP 1999-285599	19991006
PRAI	JP 1999-285599		19991006		
OS	MARPAT 134:296656				

AB Title compns., having high Tg and m.p. within injection moldable range, comprise aromatic polyamides with carboxy terminated groups and polyamides with (substituted) amines or  $\geq 1$  N-containing heterocyclic rings in the main structures. Thus, a composition containing 2.997 g 2,2-bis[4-(4-aminophenoxy)phenyl]propane-isophthaloyl dichloride copolymer (preparation given) and 0.003 g 2,6-diaminopyridine-isophthaloyl dichloride copolymer (preparation given) gave a film with Tg 240°, tensile strength 110 MPa, flexural modulus 2.5 MPa, tensile strength 55 MPa, and tensile modulus 2.1 MPa, compared with 195, 59, 1.7, 38, and 1.5, resp., for a composition without 2,6-diaminopyridine-isophthaloyl dichloride copolymer.

IC ICM C08L077-10

ICS C08J005-00; C08J005-18; C08L077-06

CC 37-6 (Plastics Manufacture and Processing)

ST arom polyamide compn prepn molded article

IT Plastic films

(aromatic polyamide resin compns. for molded articles)

IT Polyamides, preparation

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(aromatic polyamide resin compns. for molded articles)

IT Molded plastics, uses

RL: POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses)

(aromatic polyamide resin compns. for molded articles)

IT Polymer blends

RL: TEM (Technical or engineered material use); USES (Uses)

(aromatic polyamide resin compns. for molded articles)

IT Polyamides, preparation

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES

(Uses)

(aromatic; aromatic polyamide resin compns. for molded articles)

IT Polyethers, preparation

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
(polyamide-; aromatic polyamide resin compns. for molded articles)

IT Polyamides, preparation

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(polyether-; aromatic polyamide resin compns. for molded articles)

IT 26912-97-OP, 2,2-Bis[4-(4-aminophenoxy)phenyl]propane-isophthaloyl dichloride copolymer, sru 62239-17-2P, 2,2-Bis[4-(4-aminophenoxy)phenyl]propane-isophthaloyl dichloride copolymer

145814-90-OP 146057-49-OP 334518-06-8P 334518-07-9P  
RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(aromatic polyamide resin compns. for molded articles)

IT 146057-49-OP 334518-06-8P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(aromatic polyamide resin compns. for molded articles)

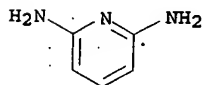
RN 146057-49-0 HCAPLUS

CN 1,3-Benzenedicarbonyl dichloride, polymer with 2,6-pyridinediamine (9CI)  
(CA INDEX NAME)

CM 1

CRN 141-86-6

CMF C5 H7 N3



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CM 2

CRN 99-63-8

CMF C8 H4 Cl2 O2